

10/591557  
IAP9 Rec'd PCT/PTO 31 AUG 2006  
ABSTRACT

A method and arrangement for detecting a radio coverage in a synchronous multicellular mobile radio system having a multitude of synchronous base stations that are connected to an evaluating unit are provided. All base stations are operated in succession in a measuring operating mod. A respective field intensity of base stations that are locally adjacent and in a normal operating mode is measured, and the respectively measured field intensity data are evaluated by the evaluating unit. This enables a sufficient radio coverage to be determined in a highly cost-effective manner and, optionally, to be corrected.